FIG.1

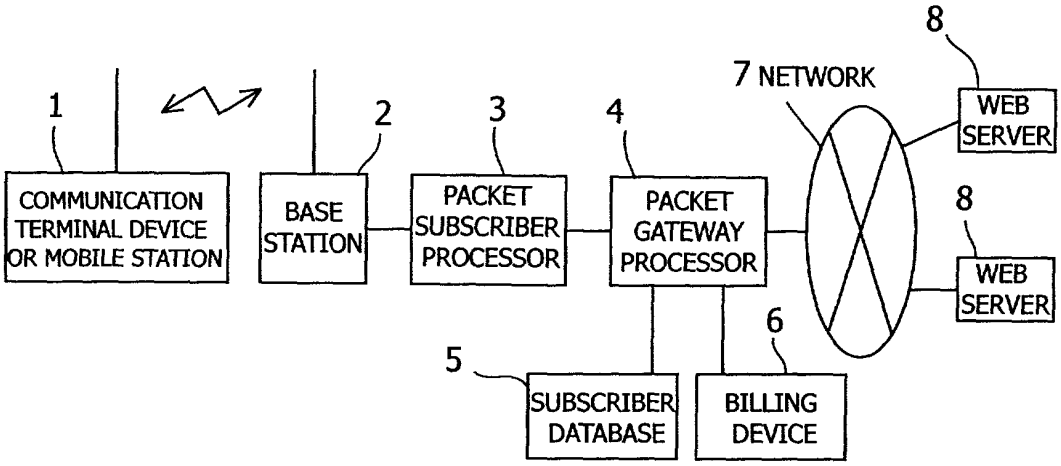
1
2
3
4
7 NETWORK
8
8
COMMUNICATION TERMINAL DEVICE OR MOBILE STATION
BASE STATION
PACKET SUBSCRIBER PROCESSOR
PACKET GATEWAY PROCESSOR
WEB SERVER
WEB SERVER
5
6
SUBSCRIBER DATABASE
BILLING DEVICE

FIG.2

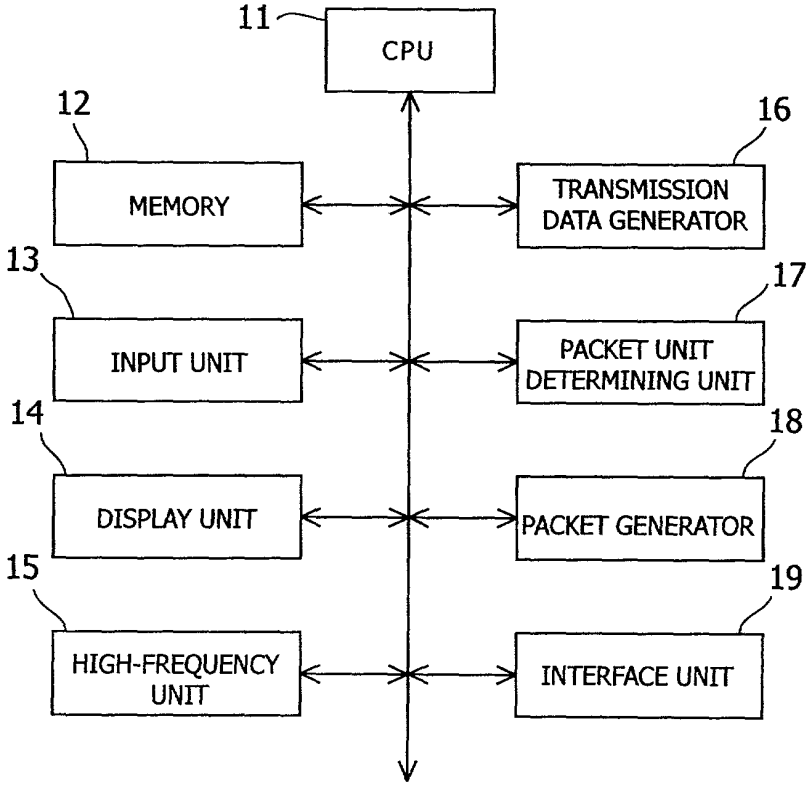
11
CPU
12
MEMORY
16
TRANSMISSION DATA GENERATOR
13
INPUT UNIT
17
PACKET UNIT DETERMINING UNIT
14
DISPLAY UNIT
18
PACKET GENERATOR
15
HIGH-FREQUENCY UNIT
19
INTERFACE UNIT

FIG.3

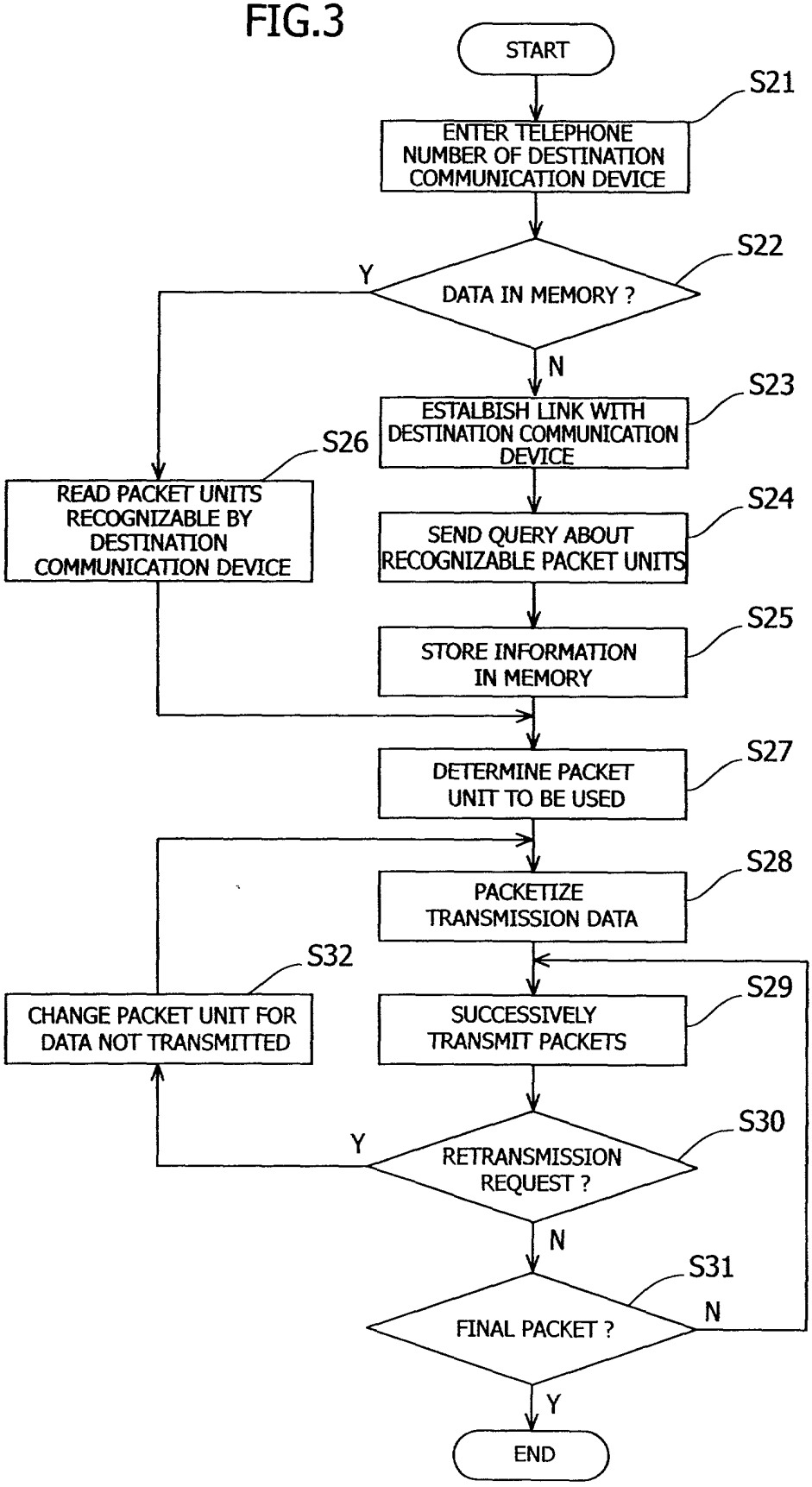
START
S21
ENTER TELEPHONE NUMBER OF DESTINATION COMMUNICATION DEVICE
S22
DATA IN MEMORY ?
Y
N
S23
ESTALBISH LINK WITH DESTINATION COMMUNICATION DEVICE
S26
READ PACKET UNITS RECOGNIZABLE BY DESTINATION COMMUNICATION DEVICE
S24
SEND QUERY ABOUT RECOGNIZABLE PACKET UNITS
S25
STORE INFORMATION IN MEMORY
S27
DETERMINE PACKET UNIT TO BE USED
S28
PACKETIZE TRANSMISSION DATA
S32
CHANGE PACKET UNIT FOR DATA NOT TRANSMITTED
S29
SUCCESSIVELY TRANSMIT PACKETS
S30
RETRANSMISSION REQUEST ?
Y
N
S31
FINAL PACKET ?
N
Y
END

FIG.4

ID OF COMMUNICATION TERMINAL (TELEPHONE NUMBER)
ID OF COMMUNICATION TERMINAL TO BE BILLED (TELEPHONE NUMBER)
BILLING ACCOUNT NO.
DESTINATION ID (TELEPHONE NUMBER)
PACKET UNITS NUMBER OF PACKETS DATA COMMUNICATION RATES
128 bytes X PACKETS X × (UNIT PRICE OF PACKET)
384 bytes Y PACKETS Y × (UNIT PRICE OF PACKET)
DATE OF START OF TRANSMISSION YYYY / MM / DD **/**
DATA OF END OF TRANSMISSION YYYY / MM / DD **/**
COMMUNICATION TERMINAL LOCATION (GPS COORDINATES OR INFORMATION REQUIRED TO IDENTIFY LOCATION)
STATUS OF TRANSMISSION GOOD
DESTINATION ID (TELEPHONE NUMBER)
PACKET UNITS NUMBER OF PACKETS DATA COMMUNICATION RATES
768 bytes Z PACKETS Z × (UNIT PRICE OF PACKET)
DATE OF START OF TRANSMISSION YYYY / MM / DD **/**
DATA OF END OF TRANSMISSION YYYY / MM / DD **/**
COMMUNICATION TERMINAL LOCATION (GPS COORDINATES OR INFORMATION REQUIRED TO IDENTIFY LOCATION)
STATUS OF TRANSMISSION GOOD

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